

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102122\
 Data File : VX032313.D
 Acq On : 22 Oct 2022 02:06
 Operator : JC/MD
 Sample : N5248-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-FD-01-20221018

Quant Time: Oct 22 06:04:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 22 04:56:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

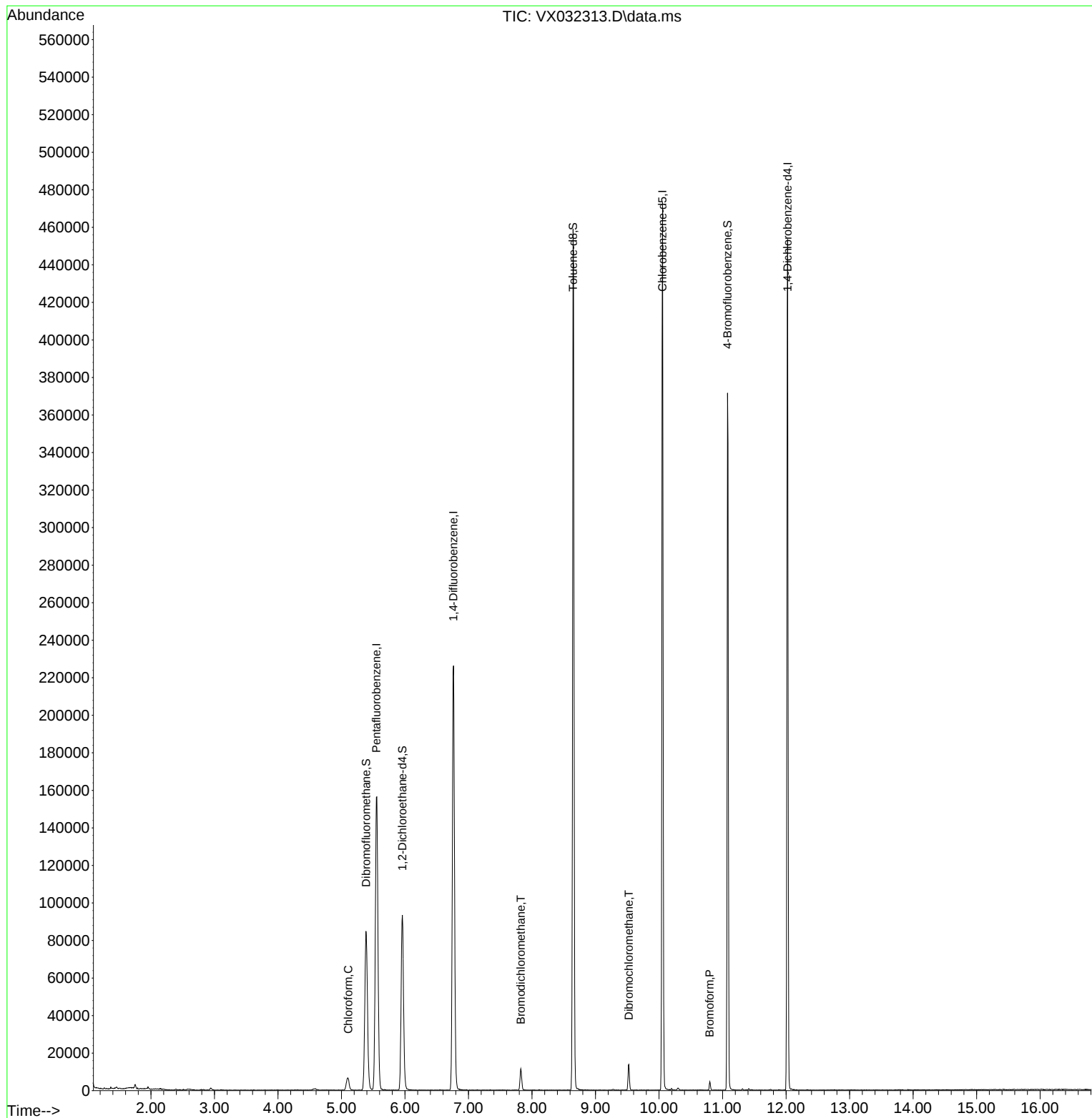
Internal Standards						
1) Pentafluorobenzene	5.550	168	148166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	229794	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	201951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91160	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	93169	48.337	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.680%
35) Dibromofluoromethane	5.385	113	73143	45.741	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.480%
50) Toluene-d8	8.647	98	266326	46.268	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.540%
62) 4-Bromofluorobenzene	11.079	95	95385	45.253	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.500%
Target Compounds						
					Qvalue	
30) Chloroform	5.105	83	8458	2.957	ug/l	96
47) Bromodichloromethane	7.824	83	7458	3.599	ug/l	94
60) Dibromochloromethane	9.525	129	6111	3.801	ug/l	100
71) Bromoform	10.799	173	1600	3.359	ug/l #	93

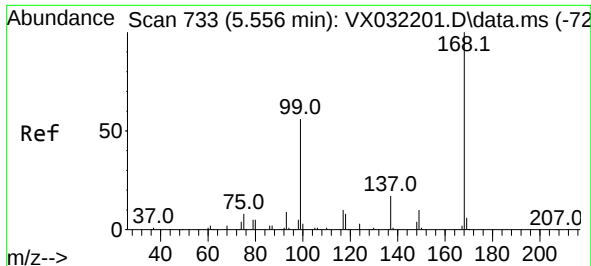
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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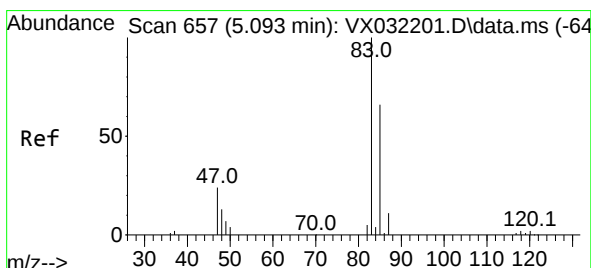
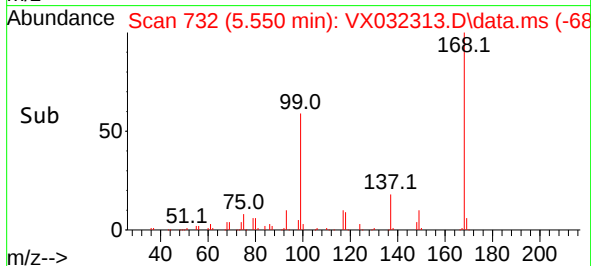
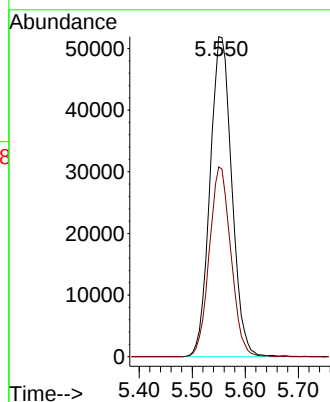
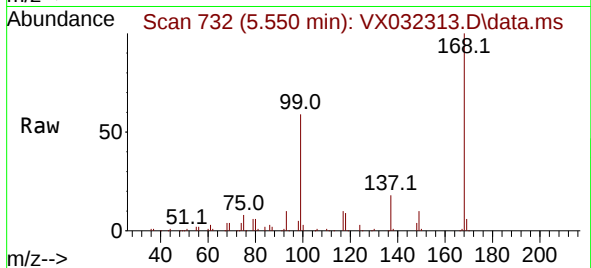




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032313.D
Acq: 22 Oct 2022 02:06

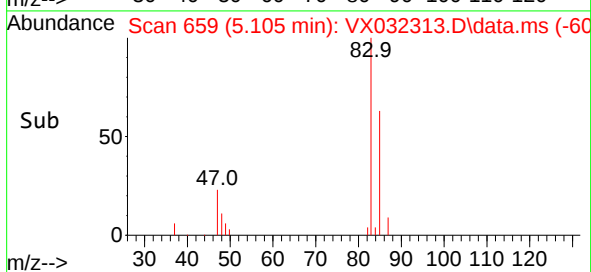
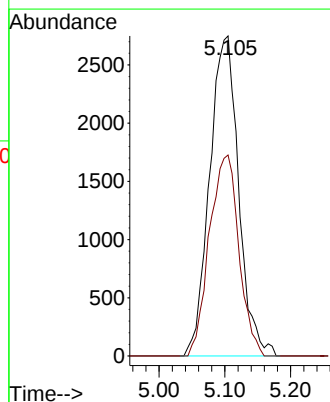
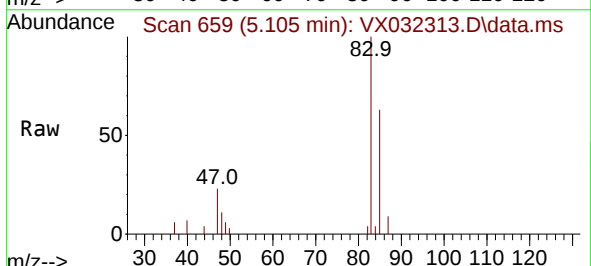
Instrument :
MSVOA_X
ClientSampleId :
FSND-FD-01-20221018

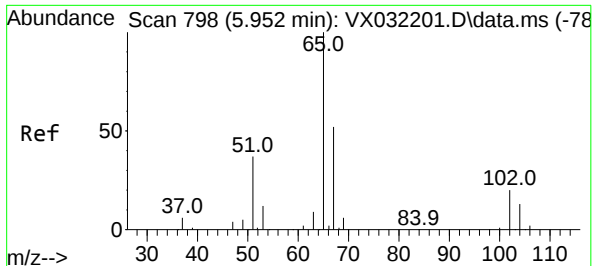
Tgt Ion:168 Resp: 148166
Ion Ratio Lower Upper
168 100
99 59.3 44.8 67.2



#30
Chloroform
Concen: 2.957 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.012 min
Lab File: VX032313.D
Acq: 22 Oct 2022 02:06

Tgt Ion: 83 Resp: 8458
Ion Ratio Lower Upper
83 100
85 62.8 52.5 78.7

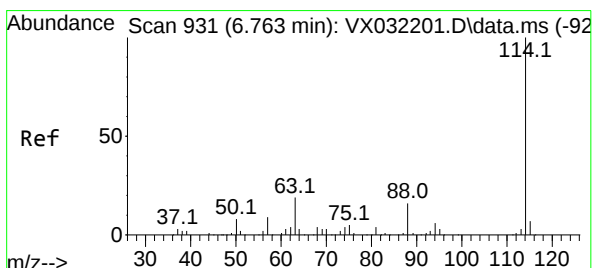
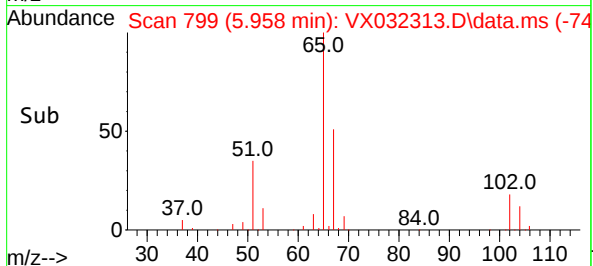
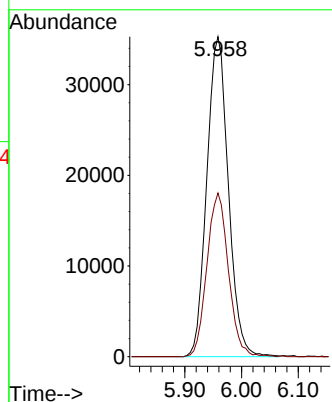
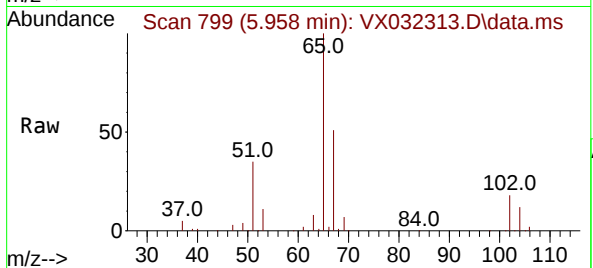




#33
 1,2-Dichloroethane-d4
 Concen: 48.337 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX032313.D
 Acq: 22 Oct 2022 02:06

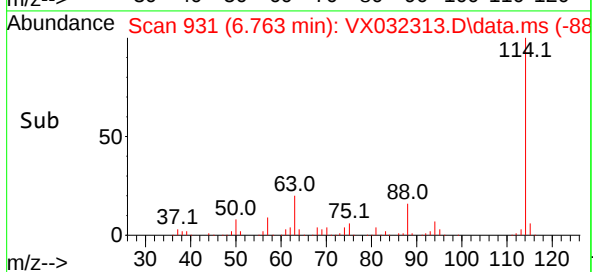
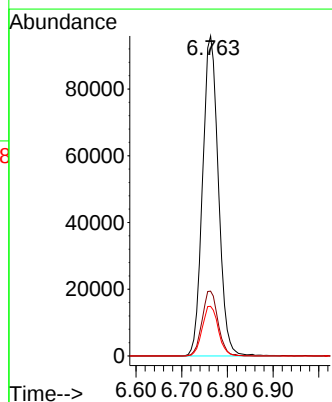
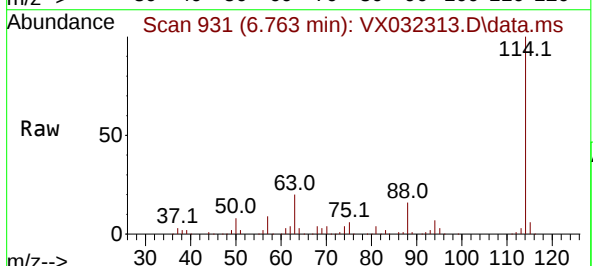
Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-FD-01-20221018

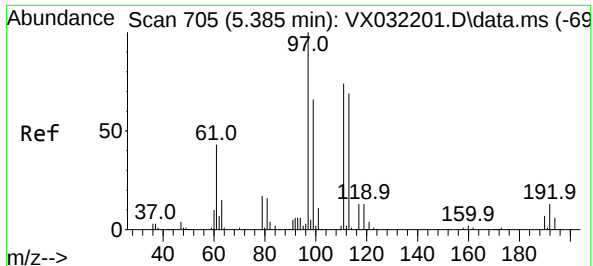
Tgt Ion: 65 Resp: 93169
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX032313.D
 Acq: 22 Oct 2022 02:06

Tgt Ion: 114 Resp: 229794
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 38.6
 88 15.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 45.741 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032313.D

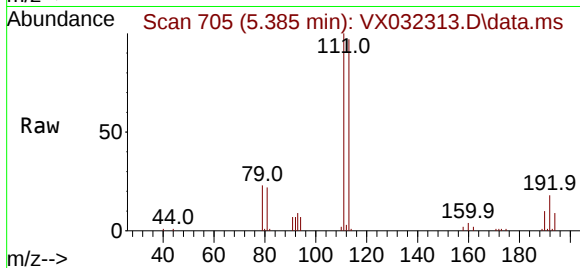
Acq: 22 Oct 2022 02:06

Instrument :

MSVOA_X

ClientSampleId :

FSND-FD-01-20221018



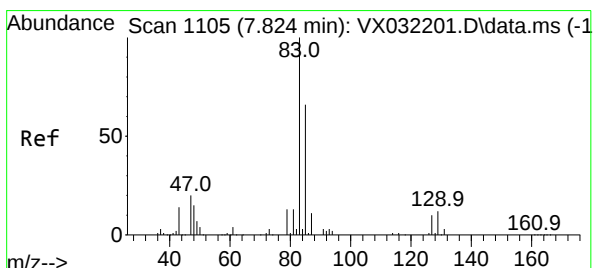
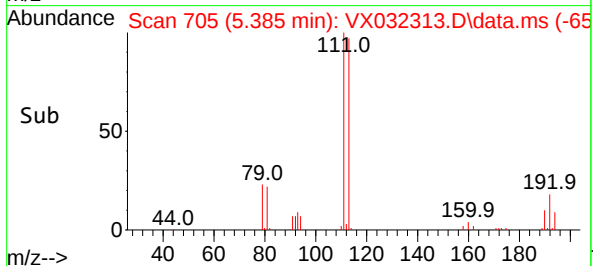
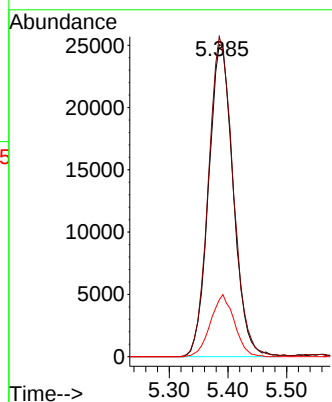
Tgt Ion:113 Resp: 73143

Ion Ratio Lower Upper

113 100

111 102.7 82.8 124.2

192 19.2 15.5 23.3



#47

Bromodichloromethane

Concen: 3.599 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX032313.D

Acq: 22 Oct 2022 02:06

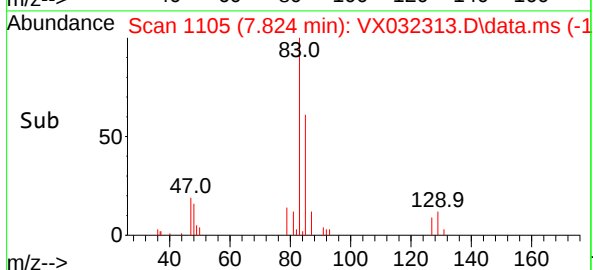
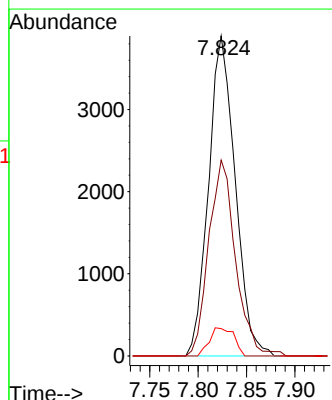
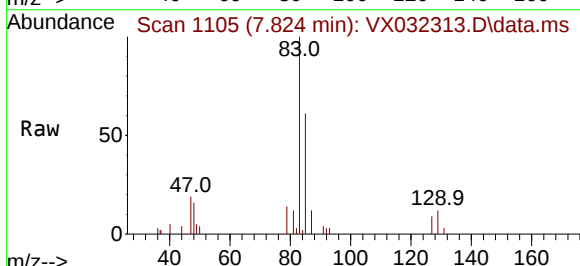
Tgt Ion: 83 Resp: 7458

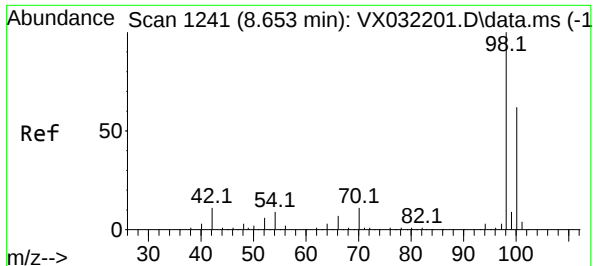
Ion Ratio Lower Upper

83 100

85 61.2 53.0 79.6

127 8.5 7.8 11.8





#50

Toluene-d8

Concen: 46.268 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX032313.D

Acq: 22 Oct 2022 02:06

Instrument :

MSVOA_X

ClientSampleId :

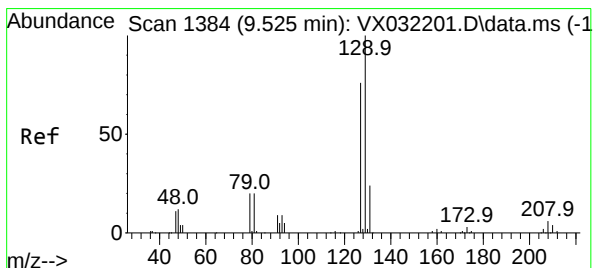
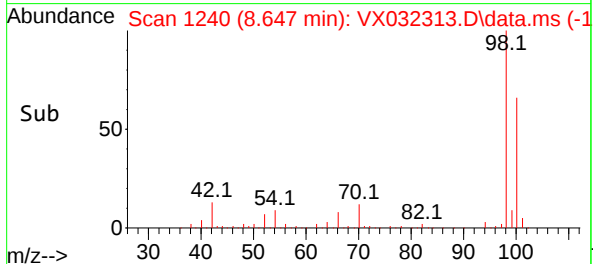
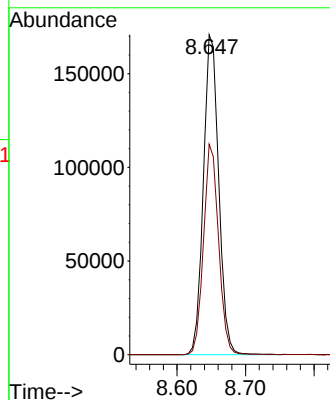
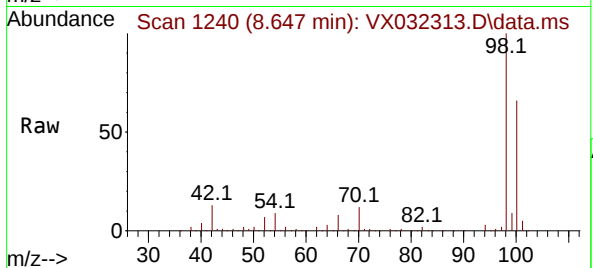
FSND-FD-01-20221018

Tgt Ion: 98 Resp: 266326

Ion Ratio Lower Upper

98 100

100 64.6 50.7 76.1



#60

Dibromochloromethane

Concen: 3.801 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX032313.D

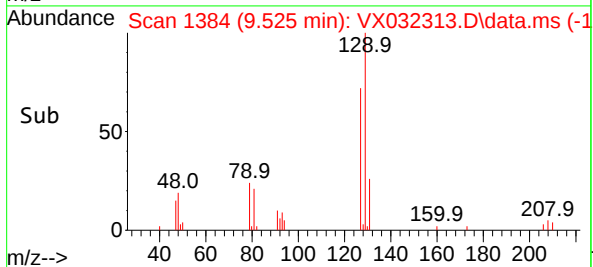
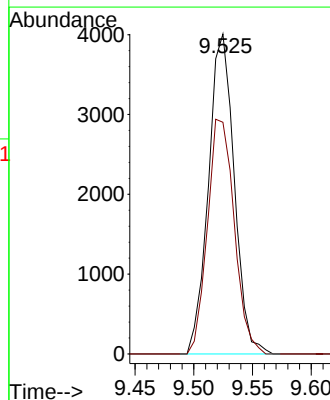
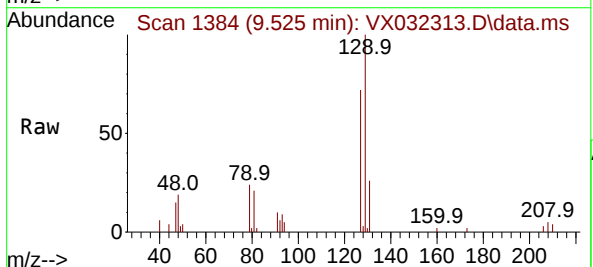
Acq: 22 Oct 2022 02:06

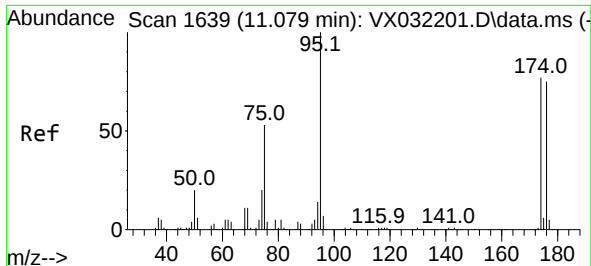
Tgt Ion: 129 Resp: 6111

Ion Ratio Lower Upper

129 100

127 76.4 38.4 115.2

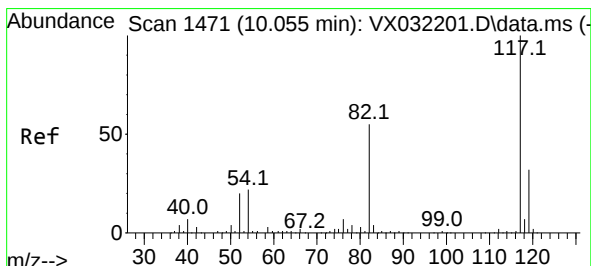
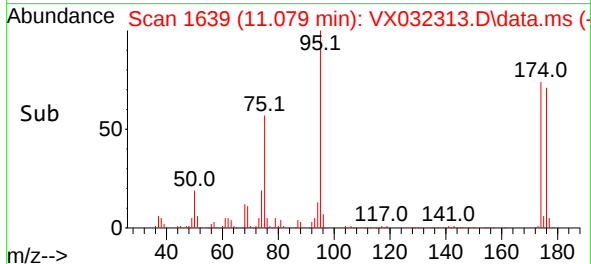
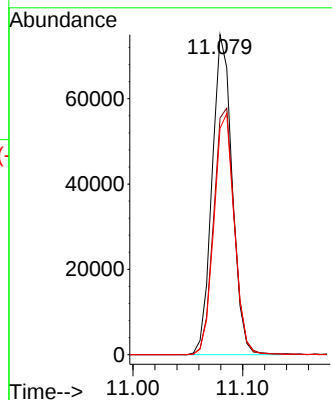
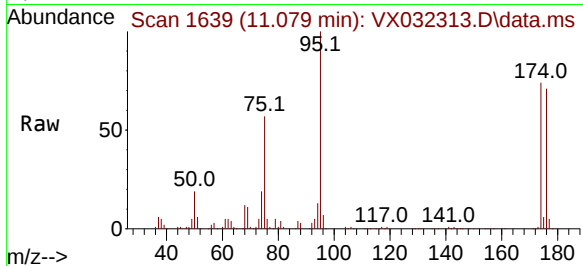




#62
4-Bromofluorobenzene
Concen: 45.253 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX032313.D
Acq: 22 Oct 2022 02:06

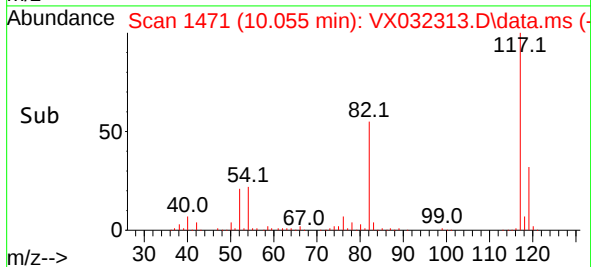
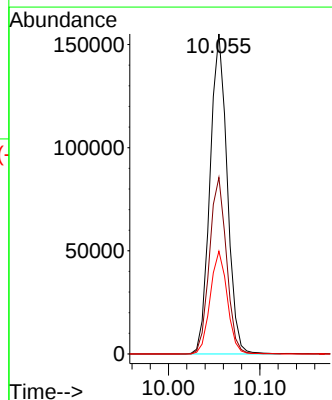
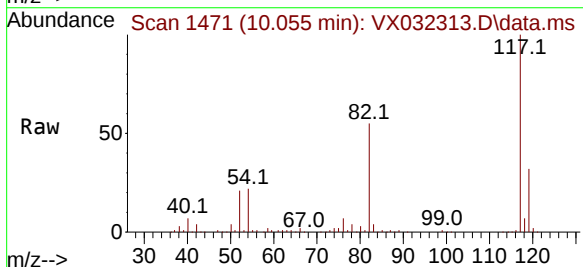
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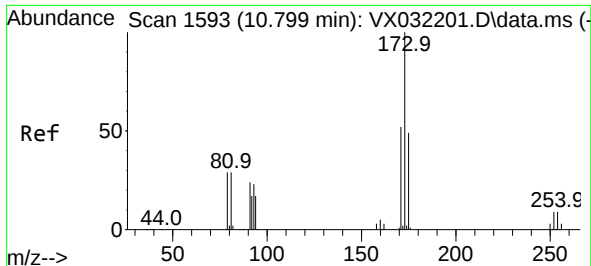
Tgt Ion: 95 Resp: 95385
Ion Ratio Lower Upper
95 100
174 80.0 0.0 166.8
176 76.7 0.0 161.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032313.D
Acq: 22 Oct 2022 02:06

Tgt Ion: 117 Resp: 201951
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.4
119 32.1 25.8 38.8

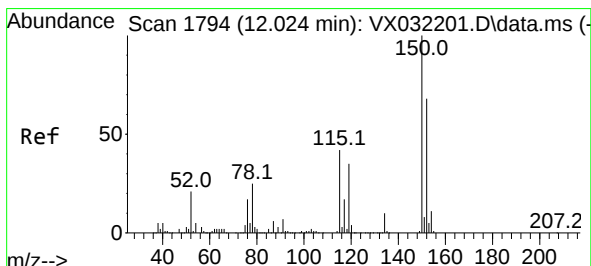
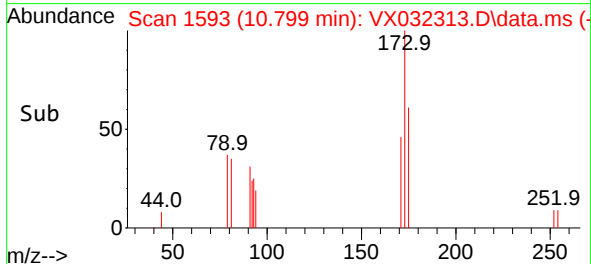
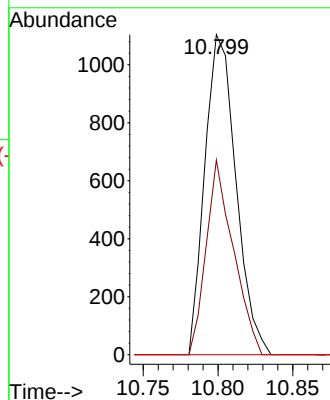
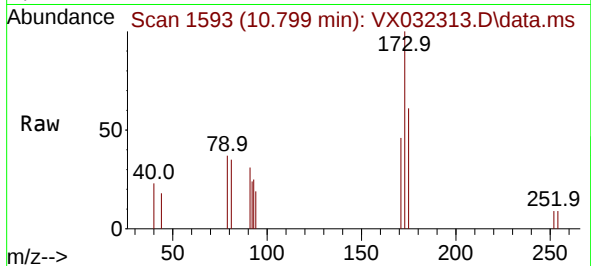




#71
Bromoform
Concen: 3.359 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032313.D
Acq: 22 Oct 2022 02:06

Instrument :
MSVOA_X
ClientSampleId :
FSND-FD-01-20221018

Tgt Ion:173 Resp: 1600
Ion Ratio Lower Upper
173 100
175 53.3 24.1 72.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032313.D
Acq: 22 Oct 2022 02:06

Tgt Ion:152 Resp: 91160
Ion Ratio Lower Upper
152 100
115 61.2 43.1 129.4
150 157.7 0.0 348.6

